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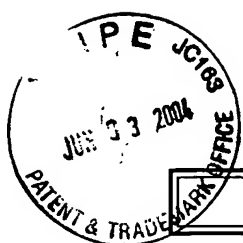
Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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EFS ID: 62029  
Application ID: 10643638  
Title of Invention: BOILING TEMPERATURE DESIGN  
IN PUMPED MICROCHANNEL  
COOLING LOOPS  
First Named Inventor: Peng Zhou  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2003-08-18  
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Submission Type: Information Disclosure  
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Filing Type:  
Confirmation number: 4432  
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Digital Certificate Holder: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
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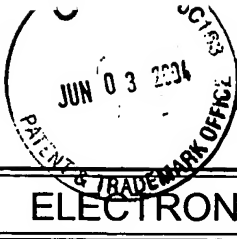
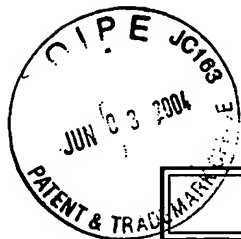


# TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention	BOILING TEMPERATURE DESIGN IN PUMPED MICROCHANNEL COOLING LOOPS									
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Date: 2003-08-18										
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<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Thomas B. Haverstock Registered Number: 32571</td><td>/tbh/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney		
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<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>COOL01500-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	COOL01500-usidst.xml		us-ids.dtd		us-ids.xsl
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	us-ids.dtd									
	us-ids.xsl									
Comments										



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	BOILING TEMPERATURE DESIGN IN PUMPED MICROCHANNEL COOLING LOOPS																																																																																																																																					
<p>Application Number: 10/643638</p> <p>Confirmation Number: 4432</p> <p>First Named Applicant: Peng Zhou</p> <p>Attorney Docket Number:</p> <p>Search string: ( 4467861 or 4903761 or 5016090 or 5269372 or 5275237 or 5310440 or 5346000 or 5388635 or 5945217 or 6019165 or 6034872 or 6039114 or 6253832 or 6257320 or 6330907 or 6336497 or 6366462 or 6367544 or 6431260 or 6466442 or 6519151 or 6533029 or 6536516 or 6601643 or 6609560 or 6651735 or 20030213580 ).pn.</p> <p><b>US Patent Documents</b></p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>4467861</td><td>1984-08-28</td><td>Kiseev et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>4903761</td><td>1990-02-27</td><td>Cima</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>5016090</td><td>1991-05-14</td><td>Galyon et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>5269372</td><td>1993-12-14</td><td>Chu et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>5275237</td><td>1994-01-04</td><td>Rolfson et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>5310440</td><td>1994-05-10</td><td>Zingher</td><td></td><td></td><td></td></tr><tr><td></td><td>7</td><td>5346000</td><td>1994-09-13</td><td>Schlitt</td><td></td><td></td><td></td></tr><tr><td></td><td>8</td><td>5388635</td><td>1995-02-14</td><td>Gruber et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>9</td><td>5945217</td><td>1999-08-31</td><td>Hanrahan</td><td></td><td></td><td></td></tr><tr><td></td><td>10</td><td>6019165</td><td>2000-02-01</td><td>Batchelder</td><td></td><td></td><td></td></tr><tr><td></td><td>11</td><td>6034872</td><td>2000-03-07</td><td>Chrysler et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>12</td><td>6039114</td><td>2000-03-21</td><td>Becker et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>13</td><td>6253832</td><td>2001-07-03</td><td>Hallefalt</td><td>B1</td><td></td><td></td></tr><tr><td></td><td>14</td><td>6257320</td><td>2001-07-10</td><td>Wargo</td><td>B1</td><td></td><td></td></tr><tr><td></td><td>15</td><td>6330907</td><td>2001-12-18</td><td>Ogushi et al.</td><td>B1</td><td></td><td></td></tr></tbody></table>							init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	4467861	1984-08-28	Kiseev et al.					2	4903761	1990-02-27	Cima					3	5016090	1991-05-14	Galyon et al.					4	5269372	1993-12-14	Chu et al.					5	5275237	1994-01-04	Rolfson et al.					6	5310440	1994-05-10	Zingher					7	5346000	1994-09-13	Schlitt					8	5388635	1995-02-14	Gruber et al.					9	5945217	1999-08-31	Hanrahan					10	6019165	2000-02-01	Batchelder					11	6034872	2000-03-07	Chrysler et al.					12	6039114	2000-03-21	Becker et al.					13	6253832	2001-07-03	Hallefalt	B1				14	6257320	2001-07-10	Wargo	B1				15	6330907	2001-12-18	Ogushi et al.	B1		
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	16	6336497	2002-01-08	Lin	B1
	17	6366462	2002-04-02	Chu et al.	B1
	18	6367544	2002-04-09	Calaman	B1
	19	6431260	2002-08-13	Agonafer et al.	B1
	20	6466442	2002-10-15	Lin	B2
	21	6519151	2003-02-11	Chu et al.	B2
	22	6533029	2003-03-18	Phillips	B1
	23	6536516	2003-03-25	Davies et al.	B2
	24	6601643	2003-08-05	Cho et al.	B2
	25	6609560	2003-08-26	Cho et al.	B2
	26	6651735	2003-11-25	Cho et al.	B2

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20030213580	2003-11-20	Philpott et al.	A1		

## Signature

Examiner Name	Date